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IMPORTANT FAX DOCUMENT

DATE March 1, 2006  
NAME United States Patent and Trademark Office  
COMPANY  
FAX NUMBER (571) 273-8300  
FROM Michael J. Tempel *MJ*  
REFERENCE NO. 10/706,072  
OUR FAX NUMBER 770-804-0900  
NUMBER OF PAGES 12

Third Response in Application No. 10/706,072  
(Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar  
Transistor (HBT) Having Improved Gain)  
Filed: November 12, 2003  
Examiner: Farahani, Dana  
Art Unit: 2891  
Confirmation No. 6364  
Docket No. 10003976-4 (01209.0016U2)

CONFIDENTIALITY NOTE

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AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Loveland, Colorado 80537-0599

**MAR 01 2006**

ATTORNEY DOCKET NO. 10003976-4

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Nicolas J. Moll et al.

Serial No.: 10/706,072

Examiner: Farahani, Dana

Filing Date: November 12, 2003

Group Art Unit: 2891

Title: Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar Transistor (HBT) Having Improved Gain

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ☒ Response/Amendment ☐ Petition to extend time to respond  
☐ New fee as calculated below ☐ Supplemental Declaration  
☒ No additional fee (Address envelope to "Mail Stop Amendments")  
☐ Other: (Fee \$\_\_\_\_\_)

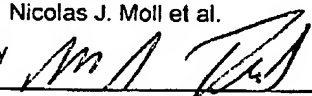
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	21	MINUS	21	= 0	X 50	\$ 0
INDEP. CLAIMS	2	MINUS	2	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 <sup>ST</sup> MONTH 120.00 <input type="checkbox"/>	2 <sup>ND</sup> MONTH 450.00 <input type="checkbox"/>	3 <sup>RD</sup> MONTH 1020.00 <input type="checkbox"/>	4 <sup>TH</sup> MONTH 1590.00 <input type="checkbox"/>		
OTHER FEES						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Nicolas J. Moll et al.

By

  
Michael J. Tempel  
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: March 1, 2006

Typed Name: Michael J. Tempel

Signature: 

Reg. No. 41,344

Date: March 1, 2006

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003/012

Patent  
Agilent Docket No.: 10003976-4

MAR 01 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Nicolas J. Moll <i>et al.</i>	)	
Serial No.: 10/706,072	)	Group Art Unit: 2891
Filed: November 12, 2003	)	Examiner: Farahani, Dana
For: Thin Gallium Arsenide	)	
Antimonide Base Heterojunction	)	Docket No.: 10003976-4
Bipolar Transistor (HBT) Having	)	
Improved Gain	)	Confirmation No.: 6364

THIRD RESPONSE

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC  
Customer Number 35856

Sir:

In response to the non-final Office Action mailed December 1, 2005, Applicants submit the following amendment and remarks.

A listing of claims begins on page 2 of this paper.

Remarks begin on page 5 of this paper.

AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Agilent Technologies Deposit Account No. 50-1078.

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to the United States Patent and Trademark Office (571) 273-8300, on the date indicated below.

Date: 3/1/06

  
Signature - Michael J. Tempel